ABSTRACT

A gas diffusion electrode is manufactured by preparing a slurry containing an electrically conductive powder, carbon fibers, organic fibers and a resin in specific proportions, forming the slurry into a sheet, and heating and drying the sheet. The electrode has the volume resistivity, thermal conductivity and gas permeability required for use in fuel cells, exhibits a flexibility conducive to continuous production, and does not break under the application of pressure during electrode production or fuel cell assembly.